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Practitioner's Docket No.: 791_160 DIV3

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Toshikatsu KASHIWAYA and Mutsumi KITAGAWA

Ser. No.: 10/666,879

Art Unit: 2834

Filed: September 19, 2003

Examiner: Not Assigned

Confirmation No.: 8895

For: PIEZOELECTRIC ELEMENT AND PROCESS FOR PRODUCTION THEREOF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 22, 2004 under "EXPRESS MAIL" mailing label number EV 607071970 US.

Shawna K. Harty
Shawna K. Harty

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97(b)**

Sir:

The information disclosure statement transmitted herewith is being filed:

- ☐ within three months of the filing date of this national application.
- ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application.
- ☒ before the mailing date of the first Office action on the merits.
- ☐ before the mailing of a first Office Action after the filing of a request for continued examination under §1.114.

Respectfully submitted,

November 22, 2004

Date

Stephen P. Burr
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Shawna K. Harty
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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Required copies of the references listed on Form PTO-1449 are attached.

Also enclosed are copies of European Search Reports bearing the mailing dates of October 11, 2004 and October 19, 2004, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

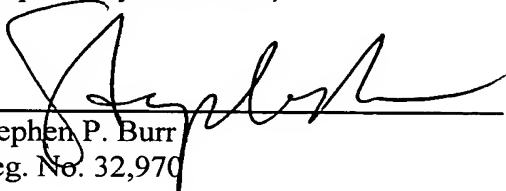
The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,

November 22, 2004

Date



Stephen P. Burr
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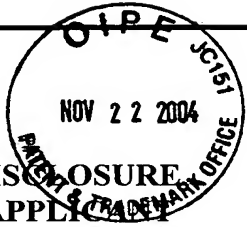
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Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

*Complete if Known*

Application Number	10/666,879
Filing Date	September 19, 2003
First Named Inventor	Toshikatsu KASHIWAYA
Art Unit	2834
Examiner Name	Not Assigned
Confirmation No.	8895
Attorney Docket No.	791_160 DIV3

Sheet

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of

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U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	AN	3,775,531	11/27/1973	Smith				

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AO	09-157018	06/17/1997	JP				
	AP	11-029357	02/02/1999	JP				
	AQ	50-003519	02/05/1975	JP				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

AR	Ouchi et al., "PIEZOELECTRIC PROPERTIES OF Pb (Mg ₁ /3Nb ₂ /3) 03-PbTi03-PbZr03 CERAMICS MODIFIED WITH CERTAIN ADDITIVES," <i>Journal of the American Ceramic Society, American Ceramic Society, Columbus, United States, vol. 49, no. 11, 1966, pages 577-582.</i>
AS	Ouchi et al., "PIEZOELECTRIC PROPERTIES OF Pb (Mg ₁ /3Nb ₂ /3) 03-PbTi03-PbZr03 SOLID SOLUTION CERAMICS," <i>Journal of the American Ceramic Society, American Ceramic Society, Columbus, United States, vol. 48, no. 12, 1965, pages 630-635.</i>

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the above U.S. references.